

IN THE CLAIMS

1. (canceled)

2. (currently amended) A method as claimed in claim [[1]] 20 wherein the zinc particles [[used]] have a particle size of from 1 to 40 microns.

3. (currently amended) A method as claimed in claim [[1]] 20 wherein the zinc particles [[used]] are in the form of zinc dust and have a particle size of from to 15 microns.

4. (original) A method as claimed in claim 3 wherein said dust has a particle size of 4 to 6 microns.

5. (currently amended) A method as claimed in [[1]] 20 wherein the ~~fluorocarbon~~ lubricant is PTFE.

6. (currently amended) A method as claimed in claim [[1]] 20 wherein the ~~fluorocarbon~~ lubricant is present in an amount of from 1 to 5 weight percent based on the weight of zinc.

Claims 7-9 (canceled)

10. (currently amended) A method as claimed in claim [[1]] 20 wherein said hydrophobic inorganic powder is hydrophobic fumed silica.

11. (currently amended) A method as claimed in claim 10 wherein said hydrophobic inorganic particles are present in an amount of from 0.1 to 0.5 based on the amount of ~~fluorocarbon~~ lubricant.

12. (currently amended) A method as claimed in claim [[1]] 20 wherein said zinc particles are milled for a sufficient period to produce flakes having an average diameter of from 10 to 15 microns and a thickness of from 1 to 2 microns.

Claims 13 - 16 (canceled)

17. (currently amended) A method as claimed in claim [[1]] 20 wherein the zinc is mixed or alloyed with nickel.

Claims 18 - 19 (canceled)

20. (New) A method for the production of zinc flake from zinc particles which comprises dry milling said zinc particles in the presence of a lubricant and optionally in admixture with a hydrophobic inorganic powder, wherein the mill is continuously cooled by passing cooling water to contact the mill.